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54 **Method and apparatus for continuously co-extruding a sheet.**

57 An apparatus and method for continuously producing a sheet composed of a plurality of materials co-extruded in segments along the width of the sheet are provided. The extrusion die (10) has a slit (22) extending along the width of the die, the slit (22) being divided into a plurality of adjacent sections along the length of the slit (22). The widths of each of the segments are variable and can be accurately controlled. Feeding means (20, 25, 45) for feeding material to each of the separate adjacent sections is provided. The method and apparatus are effective to produce a thermoplastic sheet (51) having two or more layers in a central portion (52, 53, 54) of the sheet and only a single layer at the edge portions (56, 57) of the sheet.

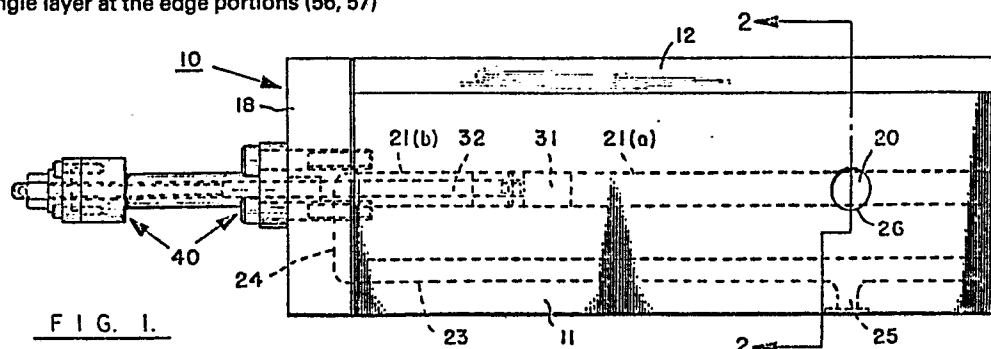


FIG. 1.



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	US-A-3 849 045 (S. OHKAWA et al.) * Claim 1; figures 1-4 *	1,10	B 29 C 47/04 B 29 C 47/06 B 29 C 47/16 B 29 K 105:26 //
A	--- PATENT ABSTRACTS OF JAPAN, vol. 8, no. 152 (M-309)[1589], 14th July 1984; & JP-A-59 48 137 (TOYODA GOSEI K.K.) 19-03-1984	1,10	
A,D	--- US-A-4 152 387 (P. CLOEREN) * Figures 1-5 *	1,10	
A	--- US-A-3 761 211 (E.J. PARKINSON) * Figures 2-4 *	1,10	
A	--- US-A-3 743 143 (J.J. BARNEY et al.) * Abstract; figures 4-11 *	1,10	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	--- GB-A-1 236 097 (LAGEMENE KUNSTZIJDE UNIE N.V.) * Claims 1,8; page 3, lines 32-46; figure 4 *	1,9,10,14	B 29 C
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-10-1987	Examiner BELIBEL C.
CATEGORY OF CITED DOCUMENTS			
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